

## EAST Search History

L15	77	(laser beam) with (condens\$5 with long with (focal focus\$4) with lens)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:56
L16	1	14 and 15	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:40
L17	5310	(laser beam) with (condens\$5 with (focal focus\$4) with lens)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:57
L18	7	14 and 17	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:57
L19	46	("3588440"   "4120187"   "4603567"   "4777544"   "4853810"   "4996113"   "5012369"   "5228324"   "5256850"   "5297413"   "5303108"   "5341256"   "5343543"   "5347415"   "5359872"   "5514849"   "5537276"   "5588200"   "5712463"   "5719374"   "6245444"   "6442831"   "6640604").PN. OR ("5719374"   "6011239"   "6806723").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:09
L20	28	19 and laser with (bend\$4 bent warp\$4 twist\$4 shap\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:11
L21	26	20 not 4	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:10
L22	0	21 and polar\$5 same mirror same lens	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:11
L23	0	21 and polar\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:11
L24	1857	polar\$5 same laser with (bend\$4 bent warp\$4 twist\$4 shap\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:11
L25	286	polar\$5 same laser with (bend\$4 bent warp\$4 twist\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:11
L26	9	polar\$5 same laser with (bend\$4 bent warp\$4 twist\$4) with (thin sheet film strip)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:27
L27	51	polar\$5 same laser with (bend\$4 bent warp\$4 twist\$4) with (thin sheet film strip plate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:12

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	("3834199"   "5588200"   "5719374"   "6011239"   "6423160").PN. OR ("6640604").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:15
L2	7	1 and laser	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:15
L3	4	1 and laser with (bend\$4 warp\$4 shap\$4 bent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:17
L4	4	1 and laser near4 (bend\$4 warp\$4 shap\$4 bent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:18
L5	597	(energy beam laser) near4 (bend\$4 warp\$4 bent) with (strip plate object sheet thin) and laser adj beam	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:25
L6	34	5 and (polar\$5 with (galvan\$5 scan\$5 mirror)) and (condens\$5 with lens)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:30
L7	26	6 not beam adj bender	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:25
L8	233	(energy beam laser) near4 (bend\$4 warp\$4 bent) near3 (strip plate object sheet thin) and laser adj beam	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:25
L9	8	8 and (polar\$5 with (galvan\$5 scan\$5 mirror)) and (condens\$5 with lens) not beam adj bender	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:28
L10	2	9 not bending adj mirror	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:36
L11	0	("2004/0037011").URPN.	USPAT	OR	ON	2007/06/11 10:28
L12	40	laser with control\$4 same (polar\$5 with (galvan\$5 scan\$5 mirror)) same (condens\$5 with lens)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:31
L13	1	"20040037011"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:46
L14	167	polariz\$5 near5 ((galvano scan\$5) adj2 mirror)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 10:38

## EAST Search History

L28	43	polar\$5 with laser with (bend\$4 bent warp\$4 twist\$4) with (thin sheet film strip plate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:12
L29	37	28 not 26	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:14
L30	18	29 not (optical adj path with (bend\$4 bent warp\$4 twist\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:28
L31	1	13 and (galvano scanner) and polari\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:11
L32	1	13 and (galvano with scanner) same polari\$5	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:47
L33	1	13 and (galvano with scanner) same polari\$5 and condens\$5 with (focus\$4 focal) with length with lens	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:49
L34	13	laser with condens\$5 with long with (focus\$4 focal) with length with lens	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:42
L35	6	laser with polariz\$5 with (xy (x with y)) with (galvano scan\$4) adj2 mirror	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 11:56
L36	14	(galvano scanner) near3 mirror adj4 polarized	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:11
L37	155	laser with spot near shape with (elongat\$4 character line oval ellip\$7)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:46
L38	58	laser with spot near shape adj4 (elongat\$4 character line oval ellip\$7)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:47
L39	4	laser with spot near shape adj4 (alphabet\$5 number numeral character)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:51
L40	4	39 with spot near shape	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:49
L41	4	39 with shape	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:49
L42	94	laser with spot near shape adj4 (line linear elongat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:52

## EAST Search History

L43	104	laser with spot near shape adj4 (line linear elongat\$4 oval\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:55
L44	0	laser with spot near shape adj4 (line linear elongat\$4 oval\$5) same control\$4 near2 (heat\$3 thermal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:53
L45	0	laser with spot near shape adj4 (line linear elongat\$4 oval\$5) same regulat\$4 near2 (heat\$3 thermal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:54
L46	0	laser with spot near shape adj4 (line linear elongat\$4 oval\$5) same (heat\$3 thermal\$4) near3 (absorb\$4 transfer\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:54
L47	7	laser with spot near shape adj4 (line linear elongat\$4 oval\$5) same (energy heat thermal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:57
L48	0	laser with spot near shape adj4 (line linear elongat\$4 oval\$5) same control\$4 near3 input with (energy heat\$3 thermal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:58
L49	0	laser with spot near shape adj4 (line linear elongat\$4 oval\$5) and control\$4 near3 input with (energy heat\$3 thermal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 12:59
L50	1	laser with spot near2 shape near4 (line linear elongat\$4 oval\$5) and control\$4 near3 input with (energy heat\$3 thermal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 13:03
L51	21	laser with spot with shape near2 select\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/11 13:30
L52	1	("6058132").PN.	USPAT; USOCR	OR	OFF	2007/06/11 13:30